

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a general application diagram showing a print data adjusting system in a preferred embodiment of the present invention;

FIG. 2 is a block diagram showing a concrete example of printing system hardware configuration in application of the print data adjusting system according to the present invention;

FIG. 3 is a schematic block diagram showing a printer;

FIG. 4 is a diagrammatic illustration showing a print head unit mounted on the printer;

FIG. 5 is a diagrammatic illustration showing color ink ejection from the print head unit;

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/ *FIGS. 6A-6E are illustrations*
~~FIG. 6 is a diagrammatic illustration~~ showing color ink ejection from a bubble-jet type of print head;

FIG. 7 is a diagrammatic illustration showing an electrophotographic type of printer;

FIG. 8 is a schematic block diagram showing another example of application of the print data adjusting system according to the present invention;

FIG. 9 is a block diagram showing a concrete printing procedure;

FIG. 10 is a flowchart showing a color conversion table rewriting procedure;

FIG. 11 is a diagram showing a patch pattern to be printed;

FIG. 12 is a diagram showing comparison between patch patterns produced with a reference print head and a print head containing an instrumental error;

FIG. 13 is a diagram showing a correction lookup table containing different coefficient values;

FIG. 14 is a diagram showing addition which is performed using weighted coefficients corresponding to mixed-color orders in accordance with pixel composition;

FIG. 15 is a graph showing an example of relationship between gray-scale level and coefficient values;

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FIGS 16A-16C are diagrams
~~FIG. 16 is a diagram~~ showing concrete examples of gray-scale levels;

FIG. 17 is a diagram showing a color specification space of L^* , a^* and b^* in use of saturation;

FIG. 18 is a flowchart showing operations of a first printer driver;

FIG. 19 is a general application diagram showing a print data adjusting system in another preferred embodiment of the present invention;

FIG. 20 is a flowchart showing a color conversion table rewriting procedure;

FIG. 21 is a histogram showing an instance where coefficients are determined according to pixel distribution ratio;